

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20040158543" and (capacitor with digital)	US-PGPUB; USPAT	OR	ON	2008/09/03 07:59
L2	0	"20040158543" and carrier	US-PGPUB; USPAT	OR	ON	2008/09/03 08:10
L3	0	"20040158543" and wave	US-PGPUB; USPAT	OR	ON	2008/09/03 08:10
L4	1	"20040158543" and signal	US-PGPUB; USPAT	OR	ON	2008/09/03 08:10
L5	1	"20040158543" and media	US-PGPUB; USPAT	OR	ON	2008/09/03 08:14
L6	1	"20040158543" and (learning with analog)	US-PGPUB; USPAT	OR	ON	2008/09/03 08:40
L7	669	@pd<"20010807" and "neural network" and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/03 10:46
L8	236	L7 and "706".clas.	US-PGPUB; USPAT	OR	ON	2008/09/03 10:46
L9	236	L7 and "706".clas. and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/03 10:46
L10	12	706/15.ccls. and @pd<"20010807" and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/03 10:47
L11	105	706/15.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/09/03 10:48
L12	11	706/16.ccls. and @pd<"20010807" and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/03 10:48
L13	2	706/17.ccls. and @pd<"20010807" and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/03 10:48
L14	55	706/17.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/09/03 10:48

L15	29	706/20.cds. and @pd<"20010807" and capacitor	US- PGPUB; USPAT	OR	ON	2008/09/03 10:48
L16	6	706/28.cds. and @pd<"20010807" and capacitor	US- PGPUB; USPAT	OR	ON	2008/09/03 10:48
L17	52	706/28.cds. and @pd<"20010807"	US- PGPUB; USPAT	OR	ON	2008/09/03 10:48
L18	154	I17 or I15 or I14 or I12 or I10	US- PGPUB; USPAT	OR	ON	2008/09/03 10:49
S2	1	"20040158543" and (analog with circus\$)	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:20
S3	1	"20040158543" and analog	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:22
S4	1	"6213958".pn. and analog	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:31
S5	4	"6213958".pn. or "6675187".pn. or "6014653".pn. or "5321342".pn.	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:32
S6	2	S5 and neural	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:34
S7	0	S5 and (neural same analog)	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:48
S8	3387	(neural same digital)	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:48
S9	2591	(neural same analog)	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:48
S10	296	(neural with (analog with input))	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:49
S11	322	(neural with (digital with input))	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:49
S12	132	S10 and S11	US- PGPUB; USPAT	OR	OFF	2006/12/08 07:49

S13	1	"20040158543" and column	US-PGPUB; USPAT	OR	OFF	2007/02/20 10:23
S14	0	"20040158543" and "analog-to digital"	US-PGPUB; USPAT	OR	OFF	2007/02/20 13:47
S15	1	"20040158543" and "analog-to-digital"	US-PGPUB; USPAT	OR	OFF	2007/02/20 14:38
S16	1	"20040158543" and "synaptic cell"	US-PGPUB; USPAT	OR	OFF	2007/02/20 14:38
S17	0	"20040158543" and "each row"	US-PGPUB; USPAT	OR	OFF	2007/02/21 10:45
S18	0	"20040158543" and (each with row)	US-PGPUB; USPAT	OR	OFF	2007/02/21 10:45
S19	0	"20040158543" and (each with column)	US-PGPUB; USPAT	OR	OFF	2007/02/21 10:50
S20	1	"20040158543" and (neuron with column)	US-PGPUB; USPAT	OR	OFF	2007/02/22 10:16
S21	0	"20040158543" and (neuron with row)	US-PGPUB; USPAT	OR	OFF	2007/02/21 10:50
S22	83	@pd< "20010807" and capacitor and "quadrant multipliers"	US-PGPUB; USPAT	OR	OFF	2007/02/21 14:52
S23	75	@pd< "20010807" and transconductor and amplifiers and load and resistance	US-PGPUB; USPAT	OR	OFF	2007/02/21 14:53
S24	24898	@pd< "20010807" and ("flip flop" with "d")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:53
S25	7	@pd< "20010807" and ("flip flop" with "d") and "neural network" and (feedforward or (feed with forward))	US-PGPUB; USPAT	OR	ON	2007/02/21 14:54
S26	26	@pd< "20010807" and VLSI and medium and transmission and databus	US-PGPUB; USPAT	OR	ON	2007/02/21 14:55
S27	2051	@pd< "20010807" and weight and training and memory and storage	US-PGPUB; USPAT	OR	ON	2007/02/21 14:55

S28	88	@pd<"20010807" and weight and training and memory and storage and (pattern with comparison)	US-PGPUB; USPAT	OR	ON	2007/02/21 14:56
S29	7	@pd<"20010807" and analog and digital and (continuous with time) and pulsed	US-PGPUB; USPAT	OR	ON	2007/02/21 14:57
S30	2203	@pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:57
S31	12	706/1.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:57
S32	30	706/15.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:57
S33	12	706/45.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:58
S34	0	700/1.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:58
S35	0	708/622.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:58
S36	52	706/16.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:58
S37	7	600/586.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	ON	2007/02/21 14:58

S38	1	318/254.ccls. and @pd<"20010807" and analog and digital and ("neural network" or "neural networks")	US- PGPUB; USPAT	OR	ON	2007/02/21 14:59
S39	102	S38 or S37 or S36 or S33 or S32 or S31	US- PGPUB; USPAT	OR	ON	2007/02/21 14:59
S40	1	"20040158543" and (synaptic cells)	US- PGPUB; USPAT	OR	OFF	2007/02/22 10:16
S41	1	"20040158543"	US- PGPUB; USPAT	OR	OFF	2007/09/27 08:45
S42	1	"20040158543" and (capacitor with cell)	US- PGPUB; USPAT	OR	OFF	2007/12/14 12:43
S43	1	"20040158543" and (capacitor same cell)	US- PGPUB; USPAT	OR	OFF	2007/09/27 08:46
S44	1	"20040158543" and (capacitor )	US- PGPUB; USPAT	OR	OFF	2007/09/27 08:58
S45	2	("neural network" or "neural networks") and capcitor	US- PGPUB; USPAT	OR	ON	2007/09/27 08:59
S46	1947	("neural network" or "neural networks") and capacitor	US- PGPUB; USPAT	OR	ON	2007/09/27 08:59
S47	669	@pd<"20010807" and ("neural network" or "neural networks") and capacitor	US- PGPUB; USPAT	OR	ON	2007/09/27 08:59
S48	152	@pd<"20010807" and ("neural network" or "neural networks") and (capacitor with (cell or neuron))	US- PGPUB; USPAT	OR	ON	2007/09/27 12:53
S49	40	@pd<"20010807" and ("neural network" or "neural networks") and ((capacitor with (cell or neuron)) with memory)	US- PGPUB; USPAT	OR	ON	2007/09/27 09:41
S50	1	"5509105".pn. and "10"	US- PGPUB; USPAT	OR	ON	2007/09/27 09:42

S51	1	"5509105".pn. and "neural network" and capacitor and neuron	US-PGPUB; USPAT	OR	ON	2007/09/27 09:51
S52	1	"5509105".pn. and "neural network" and (capacitor with weight) and neuron	US-PGPUB; USPAT	OR	ON	2007/09/27 09:51
S53	69	@pd<"20010807" and ("neural network" or "neural networks") and (capacitor with (cell or neuron)) and neural.ab.	US-PGPUB; USPAT	OR	ON	2007/09/27 12:15
S54	21	@pd<"20010807" and ("neural network" or "neural networks") and (capacitor with (cell or neuron)) and neural.ab. and (feedforward or "feed forward")	US-PGPUB; USPAT	OR	ON	2007/09/27 12:16
S55	78	S48 and "706".clas.	US-PGPUB; USPAT	OR	ON	2007/09/27 12:52
S56	0	706/33.cls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2007/09/27 12:55
S57	156	706/33.cds. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2007/09/27 12:55
S58	105	706/15.cds. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2007/09/27 12:55
S59	153	706/16.cds. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2007/09/27 12:55
S60	137	706/40.cds. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2007/09/27 12:56
S61	373	S57 or S58 or S60	US-PGPUB; USPAT	OR	ON	2007/09/27 12:56
S62	1	"20040158543" and (store with weights)	US-PGPUB; USPAT	OR	OFF	2007/12/14 12:43
S63	1	"20040158543" and (store with weight)	US-PGPUB; USPAT	OR	ON	2007/12/14 12:44
S64	0	"20040158543" and ((store with weight) with capacitor)	US-PGPUB; USPAT	OR	ON	2007/12/14 12:45

S65	1	"20040158543" and (capacitor)	US-PGPUB; USPAT	OR	ON	2007/12/14 14:25
S66	0	"20040158543" and gradually	US-PGPUB; USPAT	OR	ON	2007/12/14 14:26
S67	0	"20040158543" and gradu \$	US-PGPUB; USPAT	OR	ON	2007/12/14 14:26
S68	1	"20040158543" and (local \$ with cell)	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:31
S69	1	"20040158543" and (capacitor with cell)	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:46
S70	1	"20040158543" and (capacitor with cell) and ("digital memory" with cell)	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:46
S71	0	"20040158543" and ((capacitor with cell) with "digital memory")	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:47
S72	1	"20040158543" and (capacitor same cell) and ("digital memory" same cell)	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:48
S73	1	"20040158543" and (capacitor same local\$) and ("digital memory" same local\$)	US-PGPUB; USPAT	OR	OFF	2008/03/03 09:49
S74	10	(capacitor same local\$) and ("digital memory" same local\$)	US-PGPUB; USPAT	OR	OFF	2008/03/03 10:14
S75	1	"20040158543" and "digital memory"	US-PGPUB; USPAT	OR	OFF	2008/03/03 10:42
S76	1	"5115492".pn. and "digital memory" and capacitor	US-PGPUB; USPAT	OR	OFF	2008/03/03 13:11
S77	4	@pd<"20010807" and ("neural network" or "neural networks") and (capacitor with (cell or neuron)) and ("digital memory" with (cell or neuron))	US-PGPUB; USPAT	OR	ON	2008/03/04 07:38

S78	152	@pd<"20010807" and ("neural network" or "neural networks") and (capacitor with (cell or neuron))	US-PGPUB; USPAT	OR	ON	2008/03/04 08:35
S79	78	S78 and "706".clas.	US-PGPUB; USPAT	OR	ON	2008/03/04 08:35
S80	156	706/33.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/03/04 08:37
S81	109	706/38.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/03/04 08:37
S82	42	706/39.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/03/04 08:37
S83	5	706/36.ccls. and @pd<"20010807"	US-PGPUB; USPAT	OR	ON	2008/03/04 08:37
S84	263	S80 or S81 or S82 or S83	US-PGPUB; USPAT	OR	ON	2008/03/04 08:38
S85	0	"20040158543" and ((memory with parallel) with capacitor)	US-PGPUB; USPAT	OR	OFF	2008/09/02 12:49
S86	0	"20040158543" and ((memory with parallel) with capacitor)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:49
S87	0	"20040158543" and ((memory with parallel) same capacitor)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:49
S88	0	"20040158543" and ((memory same parallel) same capacitor)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:49
S89	0	"20040158543" and (memory same parallel)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:50
S90	1	"20040158543" and ( parallel)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:50
S91	1	"20040158543" and (memory and parallel)	US-PGPUB; USPAT	OR	ON	2008/09/02 12:50
S92	1	"20040158543" and (memory and parallel) and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/02 12:50



S93	669	@pd< "20010807" and "neural network" and capacitor	US-PGPUB; USPAT	OR	ON	2008/09/02 14:15
S94	57	@pd< "20010807" and "neural network" and (capacitor with weight)	US-PGPUB; USPAT	OR	ON	2008/09/02 14:16
S95	8	@pd< "20010807" and "neural network" and ((capacitor with weight) with (store or local))	US-PGPUB; USPAT	OR	ON	2008/09/02 14:16
S96	6	@pd< "20010807" and "neural network" and ((capacitor with weight) with (store or local)) and parallel	US-PGPUB; USPAT	OR	ON	2008/09/02 14:18
S97	6	@pd< "20010807" and "neural network" and ((capacitor with weight) with (store or local)) and parallel and digital	US-PGPUB; USPAT	OR	ON	2008/09/02 14:23
S98	1	"20040158543" and "mixed mode"	US-PGPUB; USPAT	OR	ON	2008/09/02 15:25

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